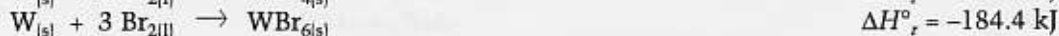


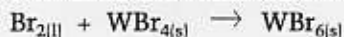
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PREDICTING ΔH_r USING HESS'S LAW

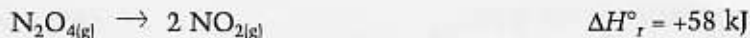
1. The enthalpy changes for the formation of two wolfram bromides are shown below.



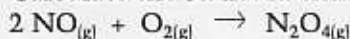
Calculate the standard enthalpy change for the following reaction.



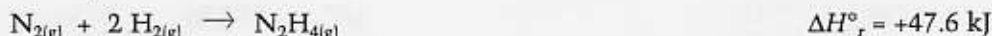
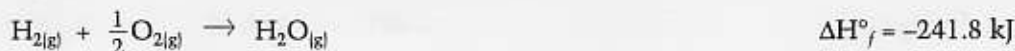
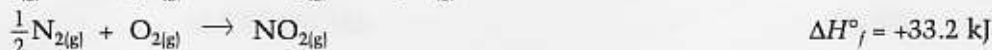
2. Given:



Calculate the standard enthalpy change for the following reaction.



3. Use the following reactions and enthalpy changes to predict the standard enthalpy change for



4. Use the following formation reaction evidence to calculate the standard enthalpy change for the complete combustion of cycloheptane.

